

MATERIAL SAFETY DATA SHEET

• Section 1 – PRODUCT IDENTIFICATION

MANUFACTURER'S NAME DEARBORN CHEMICAL CO., Subsidiary, W. R. Grace & Co.	EMERGENCY PHONE NO. 312/438-8241
ADDRESS 300 Genesee St., Lake Zurich, IL 60047	
CHEMICAL NAME AND SYNONYMS Boiler water treatment	TRADE NAME OR CODE IDENT. DEARBORN® 81

• Section 2 – INGREDIENTS

CAS No.	%	EXPOSURE CRITERIA
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NON - HAZARDOUS MATERIAL

The product identified in this Data Sheet
is NOT a hazardous material within the
meaning of Title 29, Code of Federal
Regulations 1915, 1916, 1917.

NFPA Code: 0-0-0

• Section 3 – PHYSICAL DATA

BOILING POINT, 760mm Hg	N/A	MELTING POINT	N/K
SPECIFIC GRAVITY (H ₂ O = 1) density	11.2 lbs/gal	VAPOR PRESSURE	N/A
VAPOR DENSITY (AIR = 1)	N/A	SOLUBILITY IN H ₂ O, % BY WT.	appreciable
% VOLATILES BY VOLUME	N/A	EVAPORATION RATE, _____ = 1	N/A
APPEARANCE AND ODOR White crystalline powder		pH of 1% solution	6.8

• Section 4 – FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (and Method Used) <div style="text-align: center;">None</div>	FLAMMABLE LIMITS in AIR, % by VOLUME <div style="display: flex; justify-content: space-between;"> LOWER N/A UPPER N/A </div>	AUTO IGNITION TEMPERATURE <div style="text-align: center;">N/A</div>
EXTINGUISHING MEDIA <input type="checkbox"/> Water Fog <input type="checkbox"/> Foam <input type="checkbox"/> CO ₂ <input type="checkbox"/> Dry Chemical <input type="checkbox"/> Other		
SPECIAL FIRE FIGHTING PROCEDURES <div style="text-align: center;">None</div>		

UNUSUAL FIRE AND EXPLOSION HAZARD

None

• Section 5 – REACTIVITY DATA

STABILITY (Normal Conditions) <input checked="" type="checkbox"/> Stable <input type="checkbox"/> Unstable	CONDITIONS TO AVOID <div style="text-align: center;">None</div>
INCOMPATIBILITY (Materials to Avoid) <div style="text-align: center;">None</div>	

HAZARDOUS DECOMPOSITION PRODUCTS

None

HAZARDOUS POLYMERIZATION <input type="checkbox"/> May Occur <input checked="" type="checkbox"/> Will Not Occur	CONDITIONS TO AVOID <div style="text-align: center;">None</div>
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MATERIAL SAFETY DATA SHEET (Continued)

• Section 6 - HEALTH HAZARD INFORMATION

EXPOSURE LIMIT Acute oral LD₅₀ (mouse) > 7 g/kg

EFFECTS OF OVEREXPOSURE

INHALATION Avoid inhalation of powder which may irritate nasal passages.

INGESTION If ingested, drink large amount of milk or water to neutralize.
Induce vomiting by sticking finger down throat. If discomfort persists, consult a physician.

SKIN OR EYE CONTACT If product contacts skin or clothing, remove loose dust and wash with soap and water. Flush eyes with clear water.

EMERGENCY AND FIRST AID PROCEDURES

See above

• Section 7 - SPECIAL PROTECTION INFORMATION

VENTILATION REQUIREMENTS Mechanical exhaust is adequate.

RESPIRATORY PROTECTION (Specify Type) Use adequate respirator for dusting - 3M #8710 respirator or equal has been suggested.

EYE PROTECTION Goggles	GLOVES (Specify Type) None
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OTHER PROTECTIVE CLOTHING AND EQUIPMENT (Specify Type)
None

• Section 8 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED Sweep up and return to container for use if not contaminated. Discard contaminated product as noted under Disposal instructions below.

WASTE DISPOSAL METHOD Dispose using chemical scavenger service in auth. landfill.
For additional disposal instructions, contact your state water pollution control agency.
This is not an EPA Hazardous Waste.

• Section 9 - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE Keep dry and container closed when not in use

OTHER PRECAUTIONS For industrial and municipal use.

Shipping Name: DOT Compound Boiler Cleansing, Preserving Scale Removing, dry - NOT RESTRICTED

IATA

Prepared By W. M. Morris

Date: 5/78 (Rev. 6/84)